CROP-WEATHER REPORT

ISSUED: WEEKLY:

Issue: 03-28 (ISSN 0896-4734) Released: 2:00 p.m., MST, September 22, 2003 For Week Ending: September 21, 2003

Apr-Oct MONTHLY: Nov-Mar

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MONTANA AGRICULTURAL

Agricultural Summary

There were 4.7 days suitable for fieldwork for the week ending September 21. Most of Montana received some rain over the past week. The precipitation over the past two week has improved the topsoil conditions significantly, however it has had little impact on the subsoil condtion.

Choteau received the greatest amount of precipitation for the week at 1.39 inches. The State high was 83 in Glendive and a state low of 10 in Wisdom. The weather outlook for the week of September 29 through October 5 is for above normal temperatures and below normal precipitation east and west of the divide. Normal temperatures for this period are lows in the mid 20s to lower 40s and highs in the upper 50s to upper 60s.

| Soil Moisture Condition Table | | | | | | | |
|-------------------------------|------|------|------|-------|--|--|--|
| | This | Last | Last | 5-yr. | | | |
| | Week | Week | Year | Avg. | | | |
| Topsoil Moisture | | | | | | | |
| Very Short | 43 | 63 | 22 | 31 | | | |
| Short | 34 | 24 | 36 | 41 | | | |
| Adequate | 20 | 9 | 42 | 28 | | | |
| Surplus | 3 | 4 | 0 | 0 | | | |
| Subsoil Moisture | | | | | | | |
| Very Short | 60 | 66 | 37 | 40 | | | |
| Short | 34 | 27 | 39 | 39 | | | |
| Adequate | 5 | 6 | 24 | 21 | | | |
| Surplus | 1 | 1 | 0 | 0 | | | |

Field Crops Report

Winter wheat seeding has picked up over the past week. Several producers have started to seed given last week's cool temperatures and precipitation. Some producers are still holding out for more favorable conditions.

Both potatoes and sugar beet harvests are under way. Corn and dry bean harvest is significantly ahead of the 5-year average. This was due to the extreme temperatures that were seen from mid-July through the end of August. Other hay harvested is coming to close with 97% harvested up 11 precentage points from the previous year ago.

Crop Condition Table

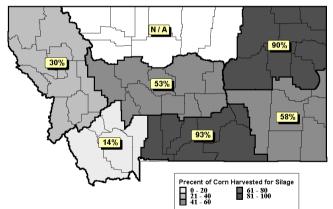
| | This | Last | Last |
|----------------------|------|------|------|
| | Week | Week | Year |
| Potato Condition | | | |
| Very Poor | 0 | 0 | 0 |
| Poor | 0 | 1 | 1 |
| Fair | 7 | 11 | 8 |
| Good | 62 | 60 | 58 |
| Excellent | 31 | 28 | 33 |
| Sugar Beet Condition | | | |
| Very Poor | 1 | 1 | 1 |
| Poor | 4 | 7 | 9 |
| Fair | 24 | 22 | 18 |
| Good | 51 | 38 | 50 |
| Excellent | 20 | 32 | 22 |
| | | | |

Crop Progress Table

| | This | Last | Last | 5-yr. | |
|------------------------|------|------|------|-------|--|
| | Week | Week | Year | Avg. | |
| Corn | | | | | |
| Silage Harvested | 80 | 64 | 59 | 61 | |
| Dry Beans | | | | | |
| Harvested | 90 | 82 | 43 | 65 | |
| Hay | | | | | |
| Other (Second Cutting) | 97 | 94 | 86 | 37 | |
| Potatoes | | | | | |
| Harvested | 6 | 1 | 6 | 5 | |
| Sugar Beets | | | | | |
| Harvested | 2 | 0 | 2 | 5 | |
| Winter Wheat | | | | | |
| Seeded | 23 | 9 | 46 | 30 | |

Precent of Corn Acreage Harvested for Silage

by District for week ending September 21, 2003



Livestock, Pasture and Range Report

Range and pasture conditions increased again this week following another state wide storm system The rain was not long enough to penetrate the subsoil, it did improve range conditions slightly.

Range & Pasture Feed Condition Table

| - | This | Last | Last | 5-yr. |
|-----------|------|------|------|-------|
| | Week | Week | Year | Avg. |
| Very Poor | 33 | 36 | 26 | 23 |
| Poor | 36 | 37 | 32 | 30 |
| Fair | 25 | 23 | 26 | 29 |
| Good | 6 | 4 | 14 | 16 |
| Excellent | 0 | 0 | 2 | 2 |

Livestock Table

| Livestock Table | | | | | | | | | |
|----------------------------|------------|------|------|-------|--|--|--|--|--|
| | This | Last | Last | 5-yr. | | | | | |
| | Week | Week | Year | Avg. | | | | | |
| Movement from Sum | mer Ranges | | | | | | | | |
| Cattle | 33 | 24 | 31 | 32 | | | | | |
| Sheep and Lambs | 35 | 29 | 31 | 35 | | | | | |
| Receiving Supplemen | tal Feed | | | | | | | | |
| Cattle | 12 | 10 | 9 | NA | | | | | |
| Sheep and Lambs | 8 | 4 | NA | NA | | | | | |
| | | | | | | | | | |

Weather Information Table For Week Ending 6:00 p.m. MDT, September 20, 2003 1/

| nformation Table For Week Ending 6:00 p.m. MDT, September 20, 2003 1/ | | | | | | | | | |
|---|---|---|--------------|--|---|--|---|--|---|
| | | | D4 | Anı | | | | har 1 2002 to | Data |
| | | | Ī | • | | | | , | |
| | | Avg. | | | | | | | % |
| | Degrees | | In. | Ir | iches | Normal | In | ches | Normal |
| | | | | | | | | | |
| 76 | 28 | 50 | 0.19 | 6.79 | 7.75 | 88 | 12.20 | 12.26 | 100 |
| 80 | 28 | 55 | 0.04 | 4.55 | | | 11.84 | 13.18 | 90 |
| | | | | | | | | | 66 |
| | | | | | | | | | M 97 |
| | | | | | | | | | 101 |
| 76 | | - | | | | | 12.92 | 16.21 | 80 |
| М | M | М | M | M | M | M | M | M | N |
| 70 | 34 | 51 | 0.73 | 6.35 | 12.55 | 51 | 22.09 | 28.12 | 79 |
| | | | | | | | | | |
| 70 | 23 | 48 | 0.40 | 5.52 | 7.92 | 70 | 6.98 | 10.30 | 68 |
| | | 47 | | | | 94 | 9.99 | 9.99 | 100 |
| 68 | 29 | 48 | М | M | М | M | M | M | N |
| 71 | 23 | 46 | 0.57 | 4.23 | 9.68 | 44 | | | 41 |
| | M | M | | | | | | | M 86 |
| 70 | | | | | | | | | 92 |
| | | | | | | | 9.88 | 11.12 | 89 |
| | 22 | 47 | 1.26 | 7.17 | 8.76 | 82 | 8.92 | 11.29 | 79 |
| 72 | 27 | 49 | 1.24 | 6.53 | 8.57 | 76 | 8.21 | 10.82 | 76 |
| 67 | 30 | 48 | 0.79 | 8.02 | 9.53 | 84 | 9.00 | 11.84 | 76 |
| | • | | | | | | | | |
| 75 | 30 | | 0.00 | | | | | | 121 |
| | | | | | | | | | 78 84 |
| | | | | | | | | | 86 |
| | | | | | 9.94 | | 10.84 | 12.70 | 85 |
| 74 | 26 | 51 | 0.09 | 7.69 | 9.93 | 77 | 9.57 | 12.19 | 79 |
| | 31 | 54 | | | | | | | 93 |
| 76 | 28 | 49 | 0.05 | 7.63 | 8.93 | 85 | 9.60 | 11.57 | 83 |
| | | | | | | | | | |
| | | | | | | 75 | | | ———№ 89 |
| 78 74 | | | | | | | | | 72 |
| | | 50 | | M | M | M | M | M | 72 N |
| 76 | 29 | 52 | 0.42 | 6.93 | 7.84 | 88 | 9.08 | 10.97 | 83 |
| | 25 | 47 | | | | | | | 76 |
| | | | | | | | | | 70 76 |
| 80 75 | | | | | | 82 | | | 85 |
| 72 | | | | | | | | | 77 |
| | | ٠. | | | | | | | |
| 74 | 24. | 49 | 0.35 | 8.81 | 8.61 | 102 | 15.14 | 13.00 | 116 |
| 77 | 25 | 50 | 0.01 | 8.16 | 9.58 | 85 | 11.98 | 14.23 | 84 |
| 75 | 27 | 52 | 0.05 | 9.66 | 12.25 | 79 | 15.84 | 18.69 | 85 |
| 72 | 24 | | | 7.11 | | | | | 77 |
| | | | | | | | | | 73 84 |
| | | | | | | | | | 84 101 |
| 00 | 10 | 72 | 3.01 | 0.00 | 7.52 | 01 | 11.04 | 11.57 | 10 |
| 77 | 24 | 55 | 0.14 | E 07 | 0.12 | E0 | 9 70 | 14 20 | 61 |
| | - | | | | | | | | —————————————————————————————————————— |
| 82 | 32 | 56 | 0.10 | 6.90 | 7.65 | 90 | 10.54 | 11.64 | 91 |
| 77 | 27 | 53 | 0.17 | 8.26 | 10.77 | 77 | 13.07 | 15.24 | 86 |
| 79 | 29 | 52 | 0.13 | 6.55 | 10.18 | 64 | 10.62 | 14.86 | 71 |
| 70 | 33 | 49 | 0.00 | 5.71 | 13.87 | 41 | 11.03 | 23.06 | 48 |
| | | | | | | | | | |
| 79 | 32 | 51 | 0.04 | 10.09 | 10.18 | 99 | 13.84 | 13.92 | 99 |
| 70 | 34 | 56 | 0.00 | 8.02 | 9.14 | 88 | 12.24 | 13.24 | 92 |
| 79 75 | | | | | | | | | 0- |
| 75 82 | 32 30 | 54 55 | 0.05 0.00 | 11.36 7.11 | 11.88 9.57 | 96 74 | 16.22 9.51 | 16.74 13.09 | 97 |
| | PA High 76 80 70 M 75 72 76 M 70 70 70 72 67 75 76 83 76 83 76 M 74 80 76 78 74 75 76 72 75 74 68 80 77 79 70 79 | PAST WEE High Low Degrees 76 28 80 28 70 34 M M M 75 36 72 35 76 36 M M M 70 27 68 29 71 23 M M M 70 26 75 26 77 27 70 22 72 27 67 30 76 31 83 34 76 26 M M M 74 26 80 31 76 28 77 27 70 22 72 27 67 30 78 22 72 27 67 30 75 30 76 31 83 34 76 26 M M M 74 26 80 31 76 28 77 27 79 29 72 27 74 30 75 25 76 29 72 27 74 30 75 25 76 29 72 27 74 30 75 25 76 29 72 27 74 29 88 10 77 72 27 79 29 70 33 | 76 | PAST WEEK Past High Low Avg. Week Degrees In. 76 28 50 0.19 80 28 55 0.04 70 34 52 0.78 M M M M 75 36 54 0.43 72 35 54 0.50 76 36 56 0.23 M M M M 70 23 48 0.40 70 27 47 1.39 68 29 48 M 71 23 46 0.57 M M M M 70 26 50 0.77 75 26 49 0.72 77 27 50 1.13 70 22 47 1.26 72 27 49 1.24 | PAST WEEK Past Apr High Low Avg. Week Total 2/ Total 2/ Degrees In. In In. Total 2/ No. 19 6.79 80 28 55 0.04 4.55 70 34 52 0.78 6.42 M M M M M M 75 36 54 0.43 7.73 76 36 56 0.23 4.42 M M M M M M 70 23 48 0.40 5.52 70 27 47 1.39 7.76 68 29 48 M M M 71 23 46 0.57 4.23 M M M M M M 71 27 | PAST WEEK Past Veek April 1, 2003 to D. High Low Avg. Week Total 2/ Normal 3/ Degrees In. Inches 76 28 50 0.19 6.79 7.75 80 28 55 0.04 4.55 7.27 70 34 52 0.78 6.42 9.02 M | PAST WEEK Past Week April I, 2003 to Date High Low Avg. Week Total 2/ Normal 3/ % Degrees In. Inches Normal 3/ % 76 28 50 0.19 6.79 7.75 88 80 28 55 0.04 4.55 7.27 63 70 34 52 0.78 6.42 9.02 71 M M M M M M M M 72 35 54 0.50 7.74 9.29 83 76 36 56 0.23 4.42 7.90 56 M | PAST WEEK Past Degrees April 1, 2003 to Date Octo Total 2 / Degrees In. Total 2 / In. Normal 3 / Normal Total 2 / In. 76 28 50 0.19 6.79 7.75 88 12.20 80 28 55 0.04 4.55 7.27 63 11.84 70 34 52 0.78 6.42 9.02 77 11.10 M M M M M M M M M M M M M M M M M M M | High Low Avg. Week Total 2/ Normal 3/ Degrees In. In. High State Normal 3/ Normal Normal 3/ |